



C-MED



USER MANUAL



Wireless Dermograph for
Permanent Makeup,
Trichological Micropigmentation, Medical
Tattooing, Collagen Bioinduction®
treatments



Data sheet and technical data	3
Technical Data Sheet	4
The handle	5
Machine Body	6
Remove the battery	7
Controls menu	8
Type-C connector	9
How to charge the device	10
Adjust needle depth	11
Adjust the stroke	12
Additional Information	13
Troubleshooting	14



A class III appliance is designed to be powered by a separate energy source

Extra-low voltage (SELV). The voltage of a SELV power supply is so low that under normal conditions of use a user can safely come into contact with it without risk of electric shock.

The extra safety devices provided for in Class I and II appliances are therefore not necessary.

Input	5V
Output	3V - 12V
Stroke	2.2 - 3.5 mm
Power	6W
Battery	1000 mA
Charge time	2 hours
Material	Aluminum
Charger	5V USB-C charger
Work time	4 - 6 h
Dimensions	131 x 27.5 mm
Machine weight	85g ca
Battery weight	40g
Needle excursion	0 - 4 mm
Speed	12,000 rpm max; 0 - 250 rps
Motor	Maxon motor
Compatible needles	Universal needles or Fly by Clinita

Although the handle is autoclavable, it is recommended to use other protections to isolate the machine.

This machine is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge. Keep the machine out of reach of children without parental supervision.

C-MED

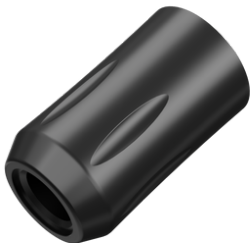


Wireless pen-style machine featuring a removable battery.

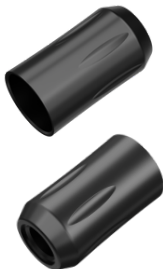
THE HANDLE



C-MED handle



Autoclavable and ergonomic handle design



Compatible with Clinita universal needles and Fly needles

The C-MED machine's handle, forged from an aircraft-grade aluminum rod, allows operators to precisely control the needle's travel. Furthermore, it can be sterilized by steam, autoclaving, or cold-spraying with sanitary solutions thanks to polishing and anodizing processes.



THE BODY

The body is the core of the machine, also forged from an aeronautical grade aluminum bar.

This module should be sanitized only with cold sterilizing solutions.

Caution: Avoid getting fluids inside the body.

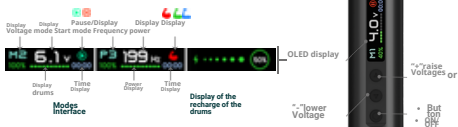
REMOVING THE BATTERY



REMOVE THE BATTERY

To remove the battery, ensure you have a firm grip on the body and handle. To secure the battery, push it inward while turning it clockwise. Ensure the locking mechanism moves freely. The battery must be positioned correctly to ensure the power cables are aligned.

Avoid contact with battery cables during charging or maintenance.



Battery Status: Each bar represents **10%** of the battery level. When the battery level **drops below 5%**, the last bar will start flashing.

Loading: When the device is turned on and connected to the Type-C connector, the top charging bar will start flashing, and the battery percentage will update in real time. When the battery reaches full charge, the display will show 100% and the bars will stop flashing.

When the device is turned off and connected to the Type-C connector, a circular light will indicate the charging status, and the battery percentage will be shown in real time inside the circle.

Battery discharge test from full charge: At 9V, the device can operate for 1.6 hours. At 5V, the device can operate for 3 hours.

Note: ① For best results, please use the cable included with your device. Damage caused by charging with voltages above 5V is not covered under warranty.

② It is recommended to fully charge the battery before use.

③ If the device does not turn on on first use, please charge it for 3 hours before trying again.

④ If it is not used often, please charge the battery once a month to avoid damage.

ON&OFF: Press and hold for 2 seconds to turn the device on or off. **STOP&START:** Press the power button to start or stop needle swinging. **INTERFACE CONVERSION:** Press the power button twice to change the working mode. **INTERFACE MODE:**

M1 - Regular Mode -the needle will move smoothly.

M2 - Intermittent Mode -the needle will move and stop smoothly.

M3- Gradual Mode -The color line will gradually change from dark to light.

P - Shot Mode -The needle pricks quickly, with adjustable speed and force.

IN SHOT MODE - P: When the output is stopped, you can press "+" and "-" to change the intensity between:

 strong mode;  stable mode;  light mode.

TYPE-C CONNECTOR



C TYPE-C connector
CSV charger



With RCA connector
(sold separately)

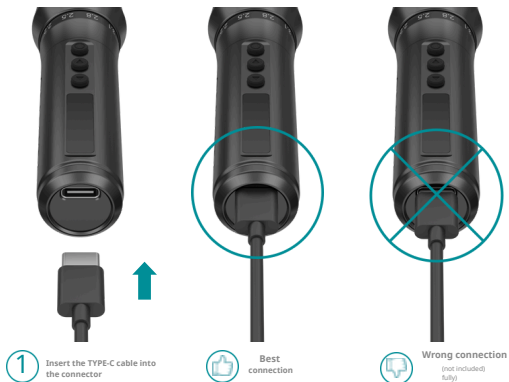
TYPE-C CONNECTOR

The charging port is compatible with most TYPE-C cables on the market. It is recommended to use the cable included with your device to charge the battery.



TYPE-C cable

CHARGING THE MACHINE



HOW TO CHARGE YOUR MACHINE

Insert the TYPE-C cable into the connector on the back of the battery. Make sure the cable is securely and fully inserted.

The TYPE-C cable is only used to charge the battery.

THE NEEDLE'S DEPTH

Increase needle depth

Decreases depth

of the needle

REGULATE THE DEPTH OF THE NEEDLE

To adjust the depth of the needle, keep the body and the device battery and rotate the handle. **A rotation in**

clockwise decreases the depth, a counterclockwise one increases. Every time that the handle is rotated yes

will hear a *click* which indicates the change needle depth. Everything is fine *click* indicates a change of 0.2mm of depth.



Turning clockwise increases the depth



Turning in the opposite direction counterclockwise the depth decreases

ADJUST THE STROKE

6 strokes to choose from.

The central part of the device is divided between a lower and one upper ring. To adjust the stroke, the rings must be rotated in opposite directions to each other.

6 strokes to
choose from



ADDITIONAL INFORMATION

VOLTAGE PARAMETERS

The dermograph has been tested to operate in a range between a minimum of 3 and a maximum of 12 Volts.

USABLE NEEDLES

Use only needles with an internal membrane. This will prevent accidental contamination inside your machine. Fluids such as ink, water, or oil will void the device's warranty and may require replacement of internal parts.

MAINTENANCE

- C-MED is sold pre-lubricated and does not require internal lubrication. Avoid any type of
- Do not allow any foreign object to enter the machine, as it may prevent the operation and lubrication of internal components. The machine handle is autoclavable. Use only in steam autoclaves at temperatures no higher than 270° Fahrenheit or 132,222° Celsius. For optimal operation after autoclaving, we recommend adding a drop of PTFE grease around the internal openings of the handle or on the stabilizing rings (see page 11). 5 for more information). The body and battery can be sanitized externally with cold sterilization products. Do not spray directly onto the surface to avoid fluids entering the device. Always use disposable products to apply sterilization products.

WARRANTY

- One (1) year warranty from the date of purchase of the device.
- The engine warranty is invalid if it shows signs of having been dropped, liquid entering it, and/or shows signs of any type of tampering.

HELPFUL TIPS

The following information will provide some help in getting the most out of your device and avoid possible damage while using it.

- Always keep the device in a safe place. Falling the device may damage the magnets, bearings and motor brushes.
- Use only cartridges with membrane to avoid contamination.
- Rinse the needle frequently to prevent the pigment from drying out and slowing down the cartridges.
When rinsing the needle, be sure to immerse only the tip of the cartridge to avoid backflow of liquid.
Inspect the needles before use.
- Avoid scratching the surface of the device.
- For disinfection, use only FDA-approved cold sterilization solutions.
- Do not lubricate the machine unless otherwise indicated. Store the machine in a safe place.

Troubleshooting

1.- Producer

Clinita SRL
Via le Canevare 30, 31100 Treviso (TV), Veneto, Italy

2.- Repair your device

The following issues are not covered under warranty:

- Damage caused by incorrect use of the device.
- Incorrect maintenance of the dermograph, modifications or tampering with it.
- Damage caused by water, accidents or natural disasters.
- Superficial damage that does not affect the normal functioning of the device.

3.- Attention

Remove any electrical connections from the device before making any changes.